CCS Technical Documentation
RH-27 Series Transceivers

Troubleshooting - FM Radio

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Contents

Page No

Troubleshooting - FM Radio 3
FM Radio Testing with Tomahawk Headset 4
FM Radio Testing with UHJ Headset 5

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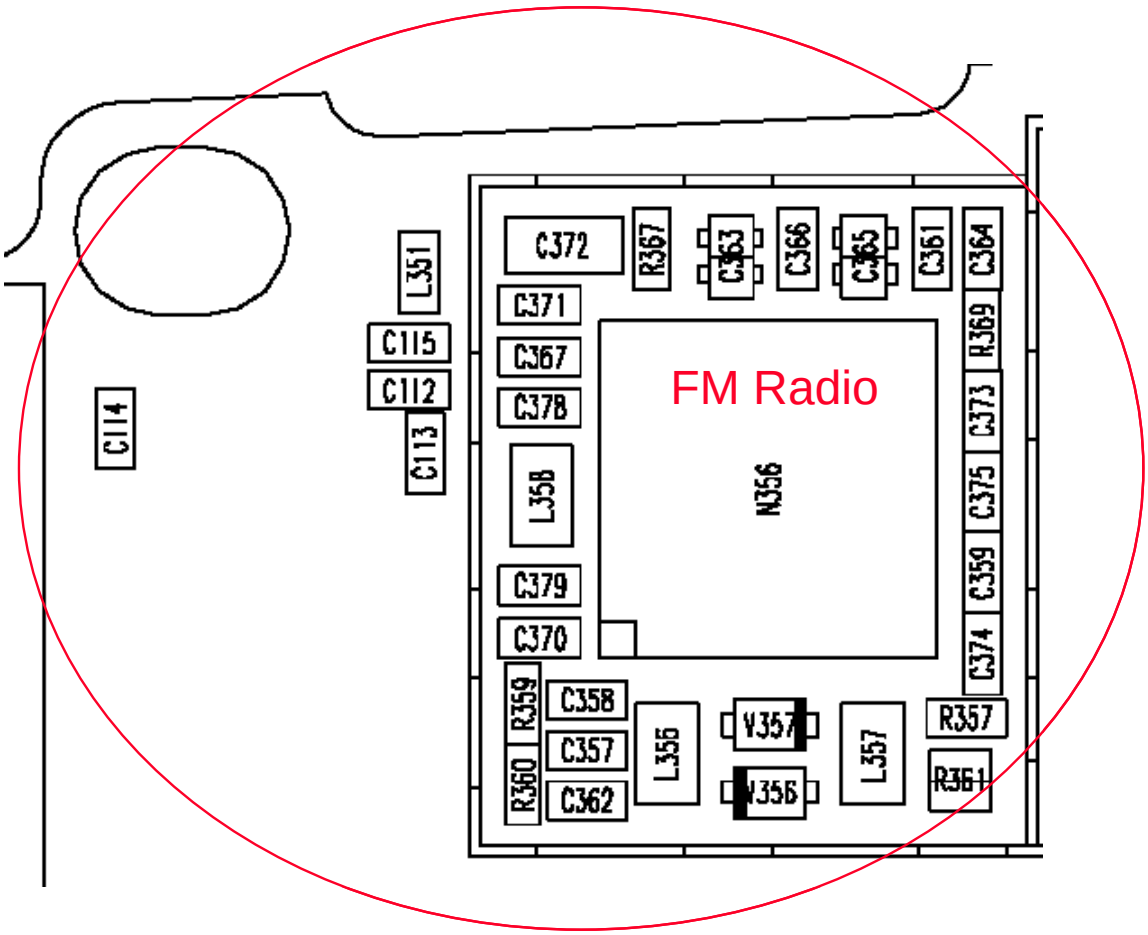
Troubleshooting – FM Radio

The FM Radio circuits are located on the bottom of the PWB, near the Tomahawk connector.



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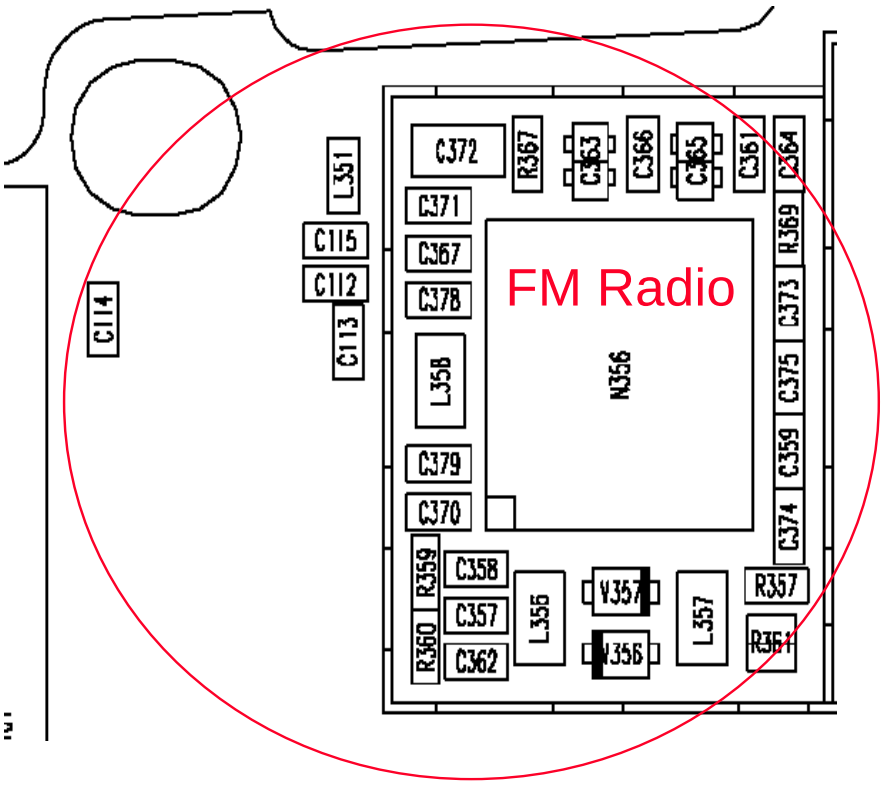
FM Radio Testing with Tomahawk Headset

1 Connect the Tomahawk headset (HDS-3) to the Tomahawk connector (bottom connector).

2 Select the "Radio" from the phone's User Interface Menu control.

3 Set a local radio station by selecting "Automatic Tuning" from the Radio Menu and pressing the UP arrow.

4 Listen for sound out of the Tomahawk headset.



- If there is a signal present, continue with Step 5.
- If there is no static or sound present, inspect all the FM radio circuits on the bottom PWB layer and refer to *Troubleshooting - Baseband* section of this manual on audio amplifier troubleshooting.

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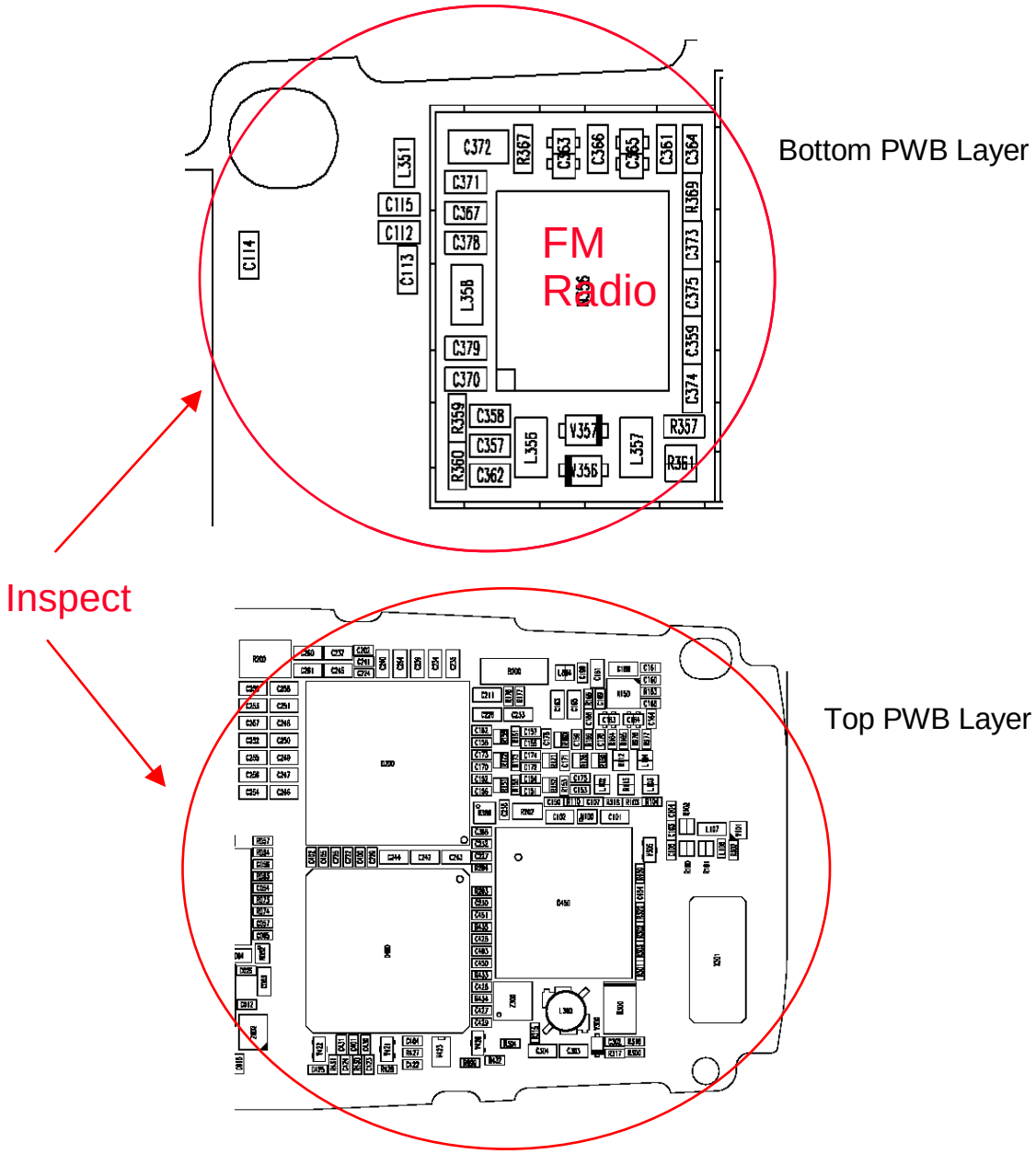
FM Radio Testing with UHJ Headset

5 Disconnect the Tomahawk headset (HDS-3) from the Tomahawk connector and connect the UHJ headset.

6 Select the "Radio" menu from the phone's User Interface Menu control.

7 Set a local station by selecting "Automatic Tuning" from the Radio menu and then pressing the Up arrow.

8 Listen for sound out of the headset.



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- If there is a signal present, the radio is functioning properly.
- If there is no static or sound present, then inspect the FM radio, Baseband circuits, and audio circuits. Consult the *Troubleshooting - Baseband* section of this manual for audio troubleshooting.

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